IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF ELECTRONIC TRANSMISSION

1 hereby certify that this paper is being electronically transmitted to the
United States Patent and Trademark Office, Alexandria, Virginia via

Laura Davis

January 23, 2008 (Date of Transmission)

EFS-Web on the date below.

Applicants:

H. Michael SHEPARD, et al.

Title:

ENZYME CATALYZED

THERAPEUTIC COMPOUNDS

Appl. No.:

10/681,418

Filing Date:

October 7, 2003

Examiner:

.

Lawrence E. Crane

Art Unit:

1623

Confirmation

7416

number:

AMENDMENT AND REPLY UNDER 37 CFR § 1.116

Mail Stop AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This Amendment and Reply is responsive to the Final Office Action issued by the U.S. Patent and Trademark Office on October 23, 2007, in connection with the above-identified application. A response to this Final Office Action is due January 23, 2008. Accordingly, this Amendment and Reply is timely filed.

Amendments to the Specification begin on Page 2 of this document.

Amendments to the Claims begin on Page 3 of this document.

Remarks/Arguments begin on Page 9 of this document.